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23 MAR 1969

MEMORANDUM FOR: Comptroller, OSA

SUBJECT: FY 1969 Financial Program Recommendations

REFERENCES: A. Memorandum for Director of Special Activities from Deputy Director of Science and Technology dated 14 March; Subject: Same as Above [redacted]

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B. Memorandum for Deputy for Operations, OSA from Comptroller, OSA dated 20 March 1968; Subject: Same as Above [redacted]

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1. Following information is submitted in response to Reference B and is keyed to paragraphs of the attachment to Reference A:

a. IDEALIST (U-2C only):

Paragraph 1:

30 June 1967	7 Aircraft Assigned
1 April 1968	6 Aircraft Assigned
30 June 1968	5 Aircraft Assigned
30 June 1969	3 Aircraft Assigned

The reduction in numbers of aircraft assigned after 1 April is based on the transfer of aircraft to USAF and does not consider attrition through accident. If aircraft are lost through accident, the number of aircraft transferred to USAF will be reduced by a like number.

GROUP 1
Excluded from automatic
downgrading and
declassification

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Paragraph 2: The attachment to this memorandum contains a record of U-2C flying hours actually accomplished in FY 1967 and the first three quarters of FY 1968 plus a forecast for the last quarter of FY 1968. Following is the forecast of U-2C flying hours for FY 1969:

	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Operational	60	15	0	0
Training	331	200	215	215
Test	114	100	100	100
Ferry	<u>20</u>	<u>0</u>	<u>0</u>	<u>0</u>
Totals	525	315	315	315

Paragraph 4:

(1) Overall Objectives:

(a) It is reasonable to assume continuing requirements for U-2 photographic reconnaissance. This premise is based on the past twelve years of operational experience, the current world situation and the expectation of continued unrest throughout the world. The requirements for the U-2 can be grouped into two general categories:



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(b) The U-2 has proven to be a reliable and economical means of obtaining high resolution photography on a prompt basis. Because of its altitude and range capabilities, it affords flexibility in mission planning to accommodate U.S. political restraints while still achieving the objective.

(2) Mission Requirements:

(a) Although requirements for specific target coverage can change drastically from time to time, experience indicates that the total number of missions required for any given year remains fairly constant. Approximately 72 U-2 operational missions per year are required to provide photographic reconnaissance of targets in South China at the frequency desired by the USIB. In addition to missions required for coverage of ChiCom targets, it is assumed that at least twelve additional missions will be required each year to obtain coverage of targets in other areas of the world.

(b) This requirement dictates eighty four (84) operational missions per year and is not expected to diminish in the foreseeable future.

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Experience gained from the first twelve years of the IDEALIST program indicates, however, that these requirements are seldom satisfied. Unfavorable weather, political considerations and other factors combine to preclude completion of desired target coverage with covert reconnaissance.

(c) The annual average number of operational reconnaissance missions during the past twelve years is forty-eight (48) and during the past eight years is thirty-one (31). Because of the increased capabilities of the U-2R which will allow photographic coverage of areas not accessible to the U-2C, it is assumed that thirty-six operational missions will be accomplished during FY 1969. It should be noted, however, that should IDEALIST assets be employed in a tactical situation, this number of operational missions would increase appreciably.

(3) Aircraft Locations:

(a) Detachment G is permanently located at Edwards Air Force Base, California, but is required to maintain a dual staging capability to conduct operational missions as may be required anywhere in the world. Additionally, this detachment is assigned responsibility for the conduct of continuing development programs of new equipment and tactics, and for the training of replacement personnel, including mission pilots.

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(d) Detachment G will maintain the capability to conduct operational missions from aircraft carriers of the U.S. Navy. This capability will be exercised approximately twice each fiscal year.

(e) By 15 November 1968, Detachment H will be assigned two U-2R aircraft, and their U-2C aircraft will be returned to Detachment G. On that date Detachment G will be assigned three U-2C aircraft and three U-2R aircraft. The fourth Detachment G U-2R will be assigned approximately 1 January 1969 following completion of the LAC flight test program.

(4) Equipment Improvement Objectives:

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(e) An improved camera system, capable of higher resolution than the present "B" Configuration and greater swath width than the present Delta Camera, should be added to the inventory. The Itek rotating optical bar camera has been flight tested and will satisfy this requirement.

b. IDEALIST (U-2R only):

Paragraph 2 Forecast Flying Hours:

	FY 1968		FY 1969		
	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Operational	0	0	45	60	60
Training	210	180	243	498	498
Test	105	80	120	72	72
Ferry	<u>0</u>	<u>0</u>	<u>30</u>	<u>0</u>	<u>0</u>
Totals	315	260	438	630	630

Flying hours listed above are based on an average of 35 hours per month per aircraft, except during the first quarter of FY 1969.

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Because of the reduced number of aircraft possessed by the detachments, it is believed they can generate an average of 40 hours per month for each possessed aircraft.

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Paragraph 3 - Same as paragraph 4 for U-2C.

c. Photographic materials and processing:

Paragraph 2b:

As stated earlier in this memorandum, it is assumed that thirty-six operational missions will be flown in FY 1969. Twenty-five will be flown in the U-2R and the remaining 11 in the U-2C. Average mission duration will be six hours and thirty minutes.

2. The foregoing is provided with the understanding that the undersigned will be afforded an opportunity to review the FY 1969 Financial Program Recommendations prior to their submission to the Deputy Director for Science and Technology.

Deputy for Operations, OSA

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Attachment - 1
As stated

C/IDEA [] (28 Mar 68)

Distribution:

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	Fiscal Year 1967				Fiscal Year 1968			
	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	Forecast 4th Qtr
OPERATIONAL	0	0	3.5	0	0	0	0	0
TRAINING	71.1	69.9	45.5	59.6	107.0	106.3	50.4	65.0
TEST	37.9	11.6	3.6	0	1.1	2.9	0	30.0
FERRY	0	0	0	26.5	0.7	0	0	0
TOTALS	109.0	81.5	52.6	86.1	108.8	109.2	50.4	95.0

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OPERATIONAL	0	0	17.7	0	0	0	0	0
TRAINING	71.6	59.0	109.6	102.8	89.8	28.0	91.4	65.0
TEST	27.1	69.4	2.4	0	0	0	10.9	30.0
FERRY	0	0	0	0	0	0	0	0
TOTALS	98.7	128.4	129.7	102.8	89.8	28.0	102.3	95.0

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OPERATIONAL	0	0	0	0	0	0	0	0
TRAINING	26.6	67.1	57.1	73.4	47.2	38.3	7.0	0
TEST	91.1	17.3	2.6	1.7	5.5	5.1	43.8	0
FERRY	0	0	0	0	0	0	1.0	0
TOTALS	117.7	84.4	59.7	75.1	52.7	43.4	51.8	0

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OPERATIONAL		0	0	4.8	14.7			
TRAINING		29.6	102.6	125.0	86.5			
TEST		38.5	14.1	4.3	8.0			
FERRY		0	20.0	8.5	0			
TOTALS		68.1	136.7	142.6	109.2			

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ATTACHMENT
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Fiscal Year 1967					Fiscal Year 1968			
	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	Forecast 4th Qtr
<input type="checkbox"/>								
OPERATIONAL	0	0	11.0	0	0	5.7	0	0
TRAINING	68.4	106.4	93.7	32.5	84.5	138.6	46.5	65.0
TEST	39.1	27.4	3.2	2.4	5.0	0.8	12.1	30.0
FERRY	0	0	0	0	0	12.5	0	0
TOTALS	107.5	133.8	107.9	34.9	89.5	157.6	58.6	95.0
<input type="checkbox"/>								
OPERATIONAL	3.5	0	0	13.8	20.0	5.2	7.5	30.0
TRAINING	38.0	23.8	83.5	120.5	121.9	157.9	94.6	78.0
TEST	4.7	9.6	4.0	2.8	3.3	5.3	3.7	12.0
FERRY	0	0	0	26.6	10.0	0	0	0
TOTALS	46.2	33.4	87.5	163.7	155.2	168.4	105.8	120.0
<input type="checkbox"/>								
OPERATIONAL	9.7	4.1	12.6	13.0	0	0	8.6	30.0
TRAINING	64.8	121.8	105.9	64.4	0	45.0	103.9	78.0
TEST	12.9	4.3	3.0	7.3	0	4.9	11.8	12.0
FERRY	0	0	0	0	0	0	25.3	0
TOTALS	87.4	130.2	121.5	84.7	0	49.9	149.6	120.0

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